



# Tcrkfqz 1100E Oxygen Analyser

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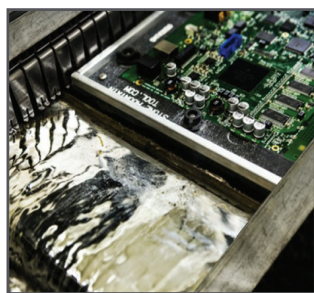
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Though highly configurable to suit individual customer requirements, the Rapidox 1100 range possesses a number of standard features to enhance functionality.

- Low maintenance electrochemical sensor
- Fully configurable software
- Fast and accurate response
- Simple calibration procedure
- Fully programmable outputs
- Data logging
- Pump or ejector option
- Two programmable alarms
- Operates on worldwide mains voltage
- Password protection

## Applications



Chemicals



Gas



Medical



Combustion



Glove Boxes



Metal Heat Treatment



Emissions



Inert Gas Blanketing



PCB Production



Food



Manufacturing



Research & Development

## Accessories



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- 1 Calibration Kit
- 2 Multiplex Sampling System
- 3 Gas Recovery Bag
- 4 Thermal Printer
- 5 Calibration Service
- 6 Gas Filters

## Specification

O <sub>2</sub> Sensor Range	0-100%
O <sub>2</sub> Sensor Accuracy & Response	±1% of full scale. Approximately 20 sec for a 90% response
O <sub>2</sub> Sensor Life Expectancy	3-5 years
Ambient Operating Pressure	800-1200mbar absolute
Ambient Operating Temperature	5°C to 35°C
Max Sample. Gas Pressure	500-1500mbar absolute
Max Sample. Gas Temperature	50°C
Warm-up Time	3-5 minutes as standard
Voltage	90-260 VAC, 50/60Hz
Voltage Outputs	0-10V, user programmable
Current Outputs	4-20mA linear, user programmable
Digital Outputs	RS232 (RS485 option available) Data streamed on demand. Modbus RTU/Ethernet
Calibration	Requires 2 user selectable gas compositions
Sample Connections	4mm ID/6mm OD nipple type. Rectus or Swagelok. Front or rear positioning
Display	20 x 4 character OLED
Analyser Dimensions	Bench: 150mm(H) x 253mm(W) x 272mm(D), Panel: 300 x 4U 177mm(H) x 300mm(W)
Weight	3.5kg (4kg with bezel)
Pump Option	Main type diaphragm pump. Variable speed 0-1.2 litres per minute
Ejector Option	Vacuum ejector fitted, running off inlet pressure
Alarms	Relay circuits, user programmable